



Kansas Department of Health and Environment – Bureau of Air

1000 SW Jackson, Suite 310, Topeka, Kansas 66612

Phone: (785) 296-6422 Fax: (785) 296-7455

Standards of Performance for Stationary Spark Ignition Internal Combustion Engines
40 CFR Part 60, Subpart JJJJ

Certified engines shall be operated to manufacturer's specifications or follow non-certified requirements including an initial performance test within 1 year of start-up.

Non-certified engines 100<hp< 500 hp non-emergency (does not apply to gasoline and rich burn using propane)

Manufactured between 7/1/08 and 12/31/10

Pollutant	Emission Limit (g/hp-hr)
NOx	2.0
CO	4.0
VOC	1.0

Manufactured on or after 1/1/11

Pollutant	Emission Limit (g/hp-hr)
NOx	1.0
CO	2.0
VOC	0.7

Non-certified engines \geq 500 hp non-emergency (does not apply to gasoline and rich burn using propane)

Manufactured between 7/1/07 and 6/30/10

(lean burn natural gas & LPG, mfg date between 1/1/08 & 6/30/10)

Pollutant	Emission Limit (g/hp-hr)
NOx	2.0
CO	4.0
VOC	1.0

Manufactured on or after 7/1/10

Pollutant	Emission Limit (g/hp-hr)
NOx	1.0
CO	2.0
VOC	0.7

Emergency

Manufactured on or after January 1, 2009

Pollutant	Emission Limit (g/hp-hr) 25<hp<130	Emission Limit (g/hp-hr) \geq 130 hp
NOx	10 (as NOx+HC)	2.0
CO	387	4.0
VOC	N/A	1.0

Requirements (emergency):

Monitoring Requirements 40 CFR 60.4237

Requirements (emergency and non-emergency):

Initial performance test with 180 days of startup, > 500 hp: subsequent performance testing every 8,760 hrs or 3 years, whichever comes first

Maintenance plan and maintenance records, operate consistent with good air pollution control practices

Compliance Requirements 40 CFR 60.4243

Testing Requirements 40 CFR 63.4244

Notification, Reports and Records 40 CFR 60.4245

Initial Notifications due for uncertified engines \geq 500 hp, within 30 days of commencing construction

The owner/operator shall comply with all applicable provisions of 40 CFR Part 60, if a conflict exists between references in this document and the regulation, the regulation shall take precedence